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Local people did the jobs mostly with shovels; ie labor battalions were used. Members of collective farms give six days of labor per year on roads that pass through their respective collective farms. Quality of maintenance varies with the farm personnel and their equipment.

broken by hand. Crowbars were used to get the stone, and then it was

Kharkov KhtZ kerosene burning
STZ kerosene burning
Chelyabinsk 60 Diesel
Chelyabinsk 65 Diesel

The kerosene burning STZ NATI is used as a prime mover for artillery. It has speed of 20 kph.

The heaviest tractor is the S-80, which runs on gasoline.

gas generator tractors in Stalingrad. Gas generators were used where fuel for them was available. The generator tank was cleaned once a week.

Anti-freeze was seldom used. What

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little was used was alcohol, and the soldiers tended to drink that in short order. The kerosene tractor was started by the process of pouring kerosene on the carburetor and burning it to heat the carburetor. The Army keeps motors running at critical times and at other times runs the engines intermittently. Otherwise the coolant (water) is kept in cans where it is kept heated and poured warm into the radiators.

Moscow had excellent equipment. There were blade-type plows and a loader that was, by its description, similar to a Barber Greene loader. It took an eight foot snow fall to slow Moscow down. The machinery was supplemented by a large number of people hand shovelling. Wooden sledges were used for transportation. Military roads are cleared by Vee-type, towed plows. State and federal highways use blade plows.

Lumbering is all done by civilian saw mills

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Bridging equipment with the army consisted of iron beams, and wooden beams for crossing small streams. Pile driver rigs were attached to the CHTZ 60 tractor and were assigned to the rear services.

Poland is building one small farm tractor of a model

Soviet

tractors are used in Poland.

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